

HAFIZ ABDULMANAN

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🔗 https://github.com/hamsof

PROFILE

I graduated from **PUCIT** with a strong academic record and hands-on experience in developing projects using a wide range of technologies. I am passionate about **problem-solving** and have actively participated in programming competitions such as **Softech**, **Coding Guro**, and **Codefest**. Currently, I am seeking a career as a software engineer with a focus on **full-stack development**.

EDUCATION

BS Computer Science
PUCIT

2019 – 2023

PROFESSIONAL EXPERIENCE

Software Engineer I
Rewaa

06/2023 – present
Remote, Saudi Arab

- Designed the development of **Point-of-Sale**, supporting **15K+ customers** to create **11M+** invoices a month.
- Optimized multiple APIs**, improving performance by **up to 3x** through query optimization and caching strategies.
- Designed and implemented data-driven reports and dashboards using **Cube.js**, leveraging optimized MySQL queries for efficient data processing. Further optimized existing queries and restructured the project architecture, resulting in a **50%** reduction in infrastructure costs—saving up to **\$3,000** per month.
- Participated in re-architecting a **serverless** system into a **microservice-based** architecture with **NestJS**, deployed on **AWS ECS**, resulting in **reduced churn** and nearly **doubling sales**.
- Refactored **80%** of legacy code in **Angular** and **RxJS**, improving maintainability and performance of frontend.
- Conducted rigorous **code reviews**, ensuring high-quality standards, achieving **100% unit test coverage**, and reducing production bugs by **200%**.
- Led company-wide **Learning Lab** sessions, fostering knowledge sharing and upskilling engineers on key technical topics.

Software Engineer Intern
Numpy Labds

10/2022 – 12/2022
Lahore, Pakistan

Worked for a US-based healthcare client to create RestFul APIs in aws/chalice

Full Stack Intern
Foretheta 🌐

06/2022 – 08/2022

Worked on the product **Billgist**(aws/chalice), which manages the costs of AWS users.

PROJECTS

Chatbot 🌐
FYP

This was R&D final year project at university. This open domain chatbot is implemented with Flask APIs and for deploying Heroku is used.

Data Scraping Project 🌐
BS4, Selenium, Python

Scraped our own website then The News International, Twitter, Indeed.com, Zameen.com and Github.com etc.

SKILLS

Nest • Node • AWS (ECS, Serverless, RDS, CloudWatch) • Docker • TS • JS • Python • OOP •
NoSQL • SOLID • MySQL • MVC • MVVM • OKRs Management • Clean Code • Agile • Swagger